

Anemometer Replacement

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1. Open the door to the Control Box (Key may be needed). An open door is recorded in the data to indicate a site visit.



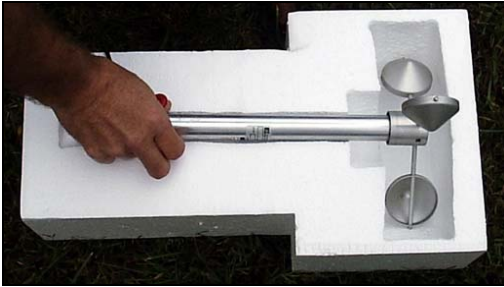
2. Unscrew the anemometer cable's connector plug located at the base of the anemometer.



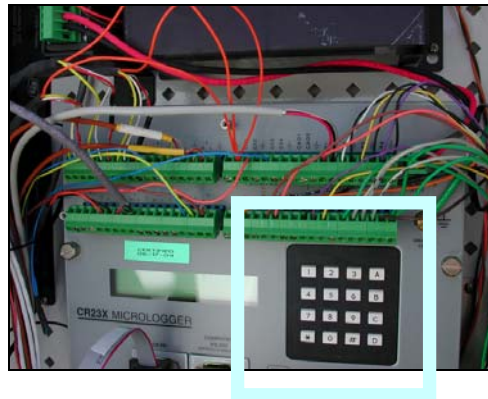
3. While holding the anemometer, carefully loosen the setscrews in the anemometer mount using the supplied 5/32 allen wrench.



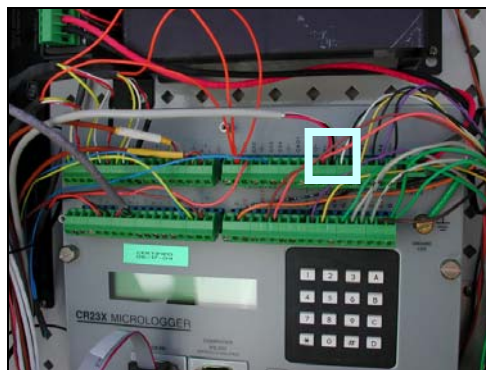
4. Place the “old” anemometer in the upper half of the styrofoam packing and mount the “new” anemometer. Re-attach the cable. Repack the “old” anemometer for shipping.



5. Using the data logger key pad, punch in “ * 1 1 3 A A A A A D _ _ _ _ _ * 0 ”.



6. From the data logger key pad, punch in “ * 6 9 A ”. If the anemometer is rotating a number will appear. If the position reads “ 0.000 “, then check the cable for cuts or breaks.
7. If the cable needs replacing route the new cable from the anemometer through the Control Box. Remove the “old” cable from positions P1 and GND located on the upper right terminal block.



8. Connect the “new” cable into those positions, P1 (red) and GND (black and clear).
9. Leave the old cable in place and secure the new cable with the supplied wire ties. Re-seal the control box with duct seal.

10. Check the output as in step 5. **After verification, punch in “* 0” to reactivate the program. The display will show “Running Table 1, 2, * Mode, D Help ?”**
11. Close the Control Box door and lock.



12. Box up the replaced anemometer and tools and using the supplied return label, ship box back to NOAA – ATDD. **Thanks!**